WRITTEN DECISION
OF THE INTERNATIONAL
EXAMINATION AUTHORITY (SUPPLEMENTARY SHEET)

International file reference

PCT/EP2004/051835

1). **Preamble**

The present application relates to the use of a neuronal network or genome and proteome as an algorithm for the analysis of gene expression data from cells; it is for the identification of drug targets.

2). **Point V.2.**

2.1. This decision makes reference to the following documents:

D1 : US 2002/077756 A1 (DIAMOND CORNELIUS ET AL) 20 June 2002 (2002-06-20)

D2 : WO 02/37102 A (CHILDRENS MEDICAL CENTER) 10 May 2002 (2002-05-10)

D3 : WO 02/10453 A (PORTER MARK W ;CASTLE ARTHUR L (US);GENE LOGIC INC (US);JOHNSON KOR) 7 February 2002 (2002-02-07).

2.2. Lack of novelty and lack of inventive step:
D1 describes the use of a neuronal network of genome and proteome as an algorithm for the analysis of for example gene expression patterns in cells; this is for example for the identification of patient-specific pharmaceuticals, see D1, e.g. paragraphs [0050], [0051], [0050], [0163], [0217] and claims 10, 21-24. Accordingly the object of the present claims 1-5 as regards D1 appears not to be novel or at least not inventive.

D2 describes the use of a neuronal network of genome and proteome as an algorithm for the analysis of gene expression data from cells; it is for the identification of drug targets for example. D2, e.g. paragraphs [0007], [0014], [0015], [0077] and claims 11, 38-42. Accordingly the object of the present claims 1-5 as regards D2 appears

not to be novel or at least not inventive.

D3 describes a computer system with data from
determinations of gene expression patterns of cells and the
analysis of this data in a neuronal network of genome and
proteome; it is for the identification of drug targets, see
D3, Abstract and page 34, paragraphs 1-3, page 43, line 28,
claims 51-54, 29-43. Accordingly the object of the present
claims 1-5 as regards D3 appears not to be novel or at
least not inventive.